

February 2, 2010

PUBLIC UTILITIES
COMMISSION

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VIA HAND DELIVERY AND E-MAIL

The Honorable Chairman and Members of the
Hawaii Public Utilities Commission
465 South King Street, Room 103
Kekuanaoa Building
Honolulu, HI 96813
Attention: Stacey Kawasaki Djou, Esq.

RE: Docket No. 2009-0108 – In the Matter of Public Utilities Commission
Instituting a Proceeding to Investigate Proposed Amendments to the
Framework for Integrated Resource Planning: Kauai Island Utility
Cooperative's ("KIUC") Identification of Witnesses and Submission of
Applicable Curriculum Vitae and/or Resume of Identified
Witnesses

Dear Commissioners and Staff:

Pursuant to the Commission's January 28, 2010 Order Establishing Hearing Procedures ("Order"), KIUC hereby identifies the following individuals who will be made available as witnesses to testify on behalf of KIUC for the panel hearings currently scheduled from February 8, 2010 to February 11, 2010.

Panel I: Timothy Blume (lead), KIUC's Regulatory Affairs Supervisor
Thomas A. Lovas (alternate), KIUC's Consultant

Panel II: Timothy Blume (lead), KIUC's Regulatory Affairs Supervisor
Thomas A. Lovas (alternate), KIUC's Consultant

Panel III: Timothy Blume (lead), KIUC's Regulatory Affairs Supervisor
Thomas A. Lovas (alternate), KIUC's Consultant


Panel IV: Timothy Blume (lead), KIUC's Regulatory Affairs Supervisor
Thomas A. Lovas (alternate), KIUC's Consultant

Panel V: Timothy Blume (lead), KIUC's Regulatory Affairs Supervisor
Thomas A. Lovas (alternate), KIUC's Consultant

Per the Commission's directive in said Order, the curriculum vitae and/or resume of Mr. Blume and Mr. Lovas are also attached hereto as Attachments A and B, respectively.

Thank you for your consideration and assistance. If you should have any questions, please do not hesitate to call me.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Kent D. Morihara', with a long horizontal line extending to the right.

Kent D. Morihara
Kris N. Nakagawa
Dana O. Viola
Sandra L. Wilhide

Morihara Lau & Fong LLP
Attorney for KIUC

cc: Service List
Mr. Randall J. Hee, KIUC
Mr. Timothy Blume, KIUC
Mr. Michael Yamane, KIUC

Attachments

TIMOTHY BLUME

256 Molo St.
Kapaa, HI 96746

Home: 808-823-0129
tblume@kiuc.coop

Kauai Island Utility Cooperative:

12/06 – Present *Regulatory Affairs Supervisor*

- Responsible for supervising, coordinating and overseeing KIUC's participation in all PUC docketed and non-docketed matters including rate cases, tariff filings and rulemaking proceedings
- Manage Integrated Resource Planning (IRP) efforts

12/05-12/06: *Resource Planning Engineer*

- Managed IRP efforts
- Provided regulatory affairs support

01/04 – 12/05: *Manager, Energy Services*

- Managed DSM program implementation personnel
- Responsible for data collection and tracking
- Provided annual DSM reports to PUC
- Managed IRP/DSM surcharge, including monthly calculation of Lost Margin and annual surcharge reconciliation/PUC application filings
- Provided IRP support

11/93 – 12/03: *Energy Specialist Engineer.*

- Responsible for design and implementation of commercial DSM programs
- Conducted pilot DSM programs
- Developed original DSM implementation plan, DSM data tracking system, PUC report formats, staffing guides, trade ally program, and marketing plans

Hyatt Regency Kauai:

7/93 – 11/93: *Interim Director of Engineering*

- Managed the engineering division (5 managers, 55 employees), including the following departments:
 - Landscaping
 - Water Features
 - Wildlife
 - Electrical and Mechanical Maintenance employees
 - Building Maintenance
- Responsible for environmental, health, and safety compliance
- Annual O&M and capital budgets
- Managed renovations and other capital projects

9/90 – 7/93: *Assistant Director of Engineering*

- Part of the opening team in 1990
- Hired 35 employees in initial staffing of engineering department
- Developed policies and procedures
- Implemented computerized maintenance program
- Employee development and trade training programs

Stouffers Waiohai Resort:

6/85 – 9/90: *Maintenance First Class - Electrical*

- Electrical maintenance and installation: power and controls
- Large air conditioning systems – centrifugal chillers, pumps, and cooling tower

Lihue Plantation Company:

8/80 – 6/85: *Power Plant Electronic Instrument and Controls Technician*

- Maintained and installed pneumatic and electronic process controls
- Maintained and installed electrical control systems, including power and process turbine controls
- High voltage breaker maintenance
- Power relay device calibration

Education, Training and Affiliations:

A. S. Electronic Technology – Honolulu Community College - 1975

Currently working towards B.A. in Business – Completed 68 credits in A.A. Liberal Arts program at Kauai Community College. Enrolled in B.A. distance education program at Phoenix University.

THOMAS A. LOVAS

5840 Azalea Drive
Anchorage, Alaska
99516-4362

(907) 345-5116 (home)
(907) 351-7846 (cell)
tlovas@acsalaska.net

OVERVIEW: *Mr. Lovas has served the energy industry for over three decades, providing expertise in a wide range of activities in electricity and natural gas. His experience includes: electricity production by hydro, coal and natural gas; power transmission and distribution; power and fuel contracts; regulatory processes; energy research; and, administrative services.*

EMPLOYMENT HISTORY

Energy & Resource Economics, Anchorage, AK June 2004 - Present

Principal Consultant: Consulting services for the energy and resource industries, providing business planning, rate studies, financial and economic analysis for administrative and operating purposes. Clients have included private and public utilities, native regional corporations, the National Rural Electric Cooperative Assoc., and others.

The Four Dam Pool Power Agency, Anchorage, AK Nov. 2002 – June 2004

Chief Executive Officer: Administrative officer of newly-formed public power agency for the ownership of four Alaskan hydroelectric facilities providing 74 MW of non-interconnected priority power to two electric cooperatives and three municipal utilities. Established agency headquarters, developed all financial reporting and analysis systems, prepared the fixed asset allocation and depreciation methodology for acquired plant (booked at \$68 million) and coordinated facility operations while accomplishing all federal and state regulatory requirements. In addition:

- Successfully transferred to the Agency the ownership and construction management of a major (\$90M) transmission interconnection project
- Developed new indenture of trust and official statement for public debt offering
- Demonstrated financial strength and stability to support expanded credit facilities

Chugach Electric Association, Inc., Anchorage, AK Dec. 1985 – Nov. 2002

Manager, System Development and Corporate Planning: Prepared strategies for General Manager and Board of Directors to achieve dependable, low-cost electricity with financial integrity. Business planning for \$180 million in revenue from sales of 2.27 billion kWh to 73,000 retail meters, three distribution cooperatives and two municipalities.

- Strategies for fuel and power purchase and sale, negotiation and administration
- Capital improvement criteria and evaluation, financial analysis and forecasting
- Generation and transmission resource alternatives, FERC licensing
- Natural gas, coal and alternative fuels contracts and analysis
- Advanced technology evaluations for efficiency and reliability
- Inter-utility coordination, transmission and reliability arrangements

- Board advisories, association, legislative and regulatory agency testimony
- **Chair:** Reliability Criteria Committee, Alaska Systems Coordinating Council
- **Chair:** Policy, Planning and Communications Task Force, Cooperative Research Network (CRN) of NRECA & Member, Cooperative Research Committee
- **Vice-Chair:** Solid-Oxide Fuel Cell Commercialization Association

Director, Energy Supply: Executive responsibility for all operations and maintenance of natural gas and hydroelectric generation facilities (512 MW) and jointly owned hydroelectric facilities (47 MW). Administered \$57 million budget for facilities, personnel, fuel (natural gas) supply and purchased power. Labor contract negotiation, workforce reliability management, power station upgrades and maintenance service to others; initiated non-traditional energy programs (fuel cells, battery storage, wind power).

- **EPRI Research and Development Award** for 1 MW fuel cell commercialization
- **Chair:** Power Supply Task Force, CRN/NRECA

Manager, Planning and Rates: Prepared and supervised wholesale and retail rate applications and regulatory proceedings while developing planning/forecasting models.

- **Member and Chair:** Alaska Intertie Operating Committee
- **Budget Subcommittee Chair:** Hydroelectric Project Management Committee
- **Member:** Integrated Resource Planning Subcommittee, G&T Managers Assoc.

The Montana Power Company, Butte, MT

May 1980 – Dec. 1985

Supervisor, Planning Economics: Advised senior management and provided regulatory liaison for resource and power rate matters, regional power planning, power contracts and rates, planning objectives, reliability and cost-effectiveness criteria.

Pacific Gas and Electric Company, San Francisco, CA

Sept. 1978 – May 1980

Analyst for Vice-President, Rates and Valuation: Electricity and natural gas services

Washington State University, Pullman, WA

Feb. 1970 – Sept. 1978

Operations Manager, Reactor Supervisor and Technician

EDUCATION

Master of Arts, Economics (Public Utility) – June 1977

Bachelor of Arts, Economics (with Distinction) – June 1973

Washington State University, Pullman, Washington

NRECA Management Internship Program – May 1992

University of Nebraska – Lincoln/National Rural Electric Cooperative Association

AFFILIATIONS

Alaska Power Association

Resource Development Council for Alaska

Intl. Assoc. for Energy Economics

Rotary Club of Anchorage - Downtown

Junior Achievement of Alaska

Energy & Resource Economics

Thomas A. Lovas

tlovas@acsalaska.net

Tom Lovas has served the energy industry for over three decades, providing expertise in a wide range of issues in electricity and natural gas. His experience includes: hydro, coal and natural gas power supply; transmission and distribution; power and fuel contracts; regulatory processes; energy research; and, administrative services. Providing consulting services since 2004, his work has included business and resource planning, rate studies, financial and economic analysis.

As **CEO of The Four Dam Pool Power Agency** in Alaska, he was principal administrator for the public power agency through June, 2004, providing 74 MW of power to two electric cooperatives and three municipal utilities. He held several positions at **Chugach Electric Association** in Anchorage, AK between 1985 and 2002, culminating with full responsibility for strategic and operational planning as **Manager, System Development & Corporate Planning**. While **Director, Energy Supply** he was responsible for 512 MW of natural gas and 47 MW of hydroelectric facilities, fuel and purchased power contracts and non-traditional research and demonstration programs in fuel cells, micro-turbines, storage and wind. As **Manager, Planning and Rates**, he prepared wholesale and retail rate applications, initiated integrated resource planning policies and studies, and financial planning public bonding. Chugach sold 2.27 billion kWh to 73,000 retail meters, three distribution cooperatives and two municipalities, with revenues in excess of \$180 million. Other employment had been with **Montana Power**, as **Supervisor, Planning Economics** and at **Pacific Gas & Electric Company**.

Tom holds **M.A. & B.A.** degrees in **Economics** from Washington State University.

ENERGY & RESOURCE PROJECTS: Tom has prepared integrated resource planning studies and life-cycle cost analyses; provided regulatory testimony on a variety of electric and natural gas revenue requirement, cost of service, rate design and resource matters; negotiated power and transmission agreements; implemented major facility repowering contracts; prepared and supported cost-effectiveness and avoided-cost methodologies. Examples include:

- Renewable Energy Projects Evaluation – State of Alaska Grant Applications
- Utility Long Range Engineering Plans and Emergency Action Plans
- Electric System Engineering, Construction Planning and Financial Forecasts
- Rural Electric Generation and Transmission Research Programs
- Tribal Utility Sustainability Contract Revenue Requirement Impact
- Military Electric System Privatization-Utility Formation
- Electric Revenue Bond Refunding, Public Agency (\$62 million)
- Transmission System (Swan-Tyee 138 kV) Acquisition (\$90 million)
- Cooper Lake Hydroelectric Project Relicensing - FERC
- Beluga 6&7 Repowering Justification and Contract (\$37 million)
- 1 MW Fuel Cell Demonstration (Anchorage Postal Service)
- Nikiski Power Plant Sales, Fuel and Dispatch Agreement
- Eklutna Hydroelectric Acquisition Operating Agreement
- Strategic Integrated Resource Planning Study – Chugach Electric
- Bradley Lake Hydro Development Recommendation & Agreements

Energy & Resource Economics

Thomas A. Lovas

tlovas@acsalaska.net

CONSULTING SERVICES

- *ENERGY SYSTEMS DEVELOPMENT & BUSINESS PLANNING*
 - Sales and Financial Forecasting
 - Feasibility Studies
 - Regulatory Process and Procedures
- *REGULATORY POLICY*
- *RESOURCE and SYSTEM PLANNING*
 - Hydro, Coal and Natural Gas Generation
 - Fuel Supply Planning and Contracts
 - Transmission Options and Plans
 - Purchase, Sale and Interconnection Agreements
 - Reliability Analysis
 - Integrated and Least-Cost Plans
 - Hydroelectric Facility Licensing
- *ENERGY TECHNOLOGY*
 - Renewables
 - Repowering/Cogeneration/Small Power
 - Emerging Technologies: Hydrogen/Wind/Storage
- *REVENUE REQUIREMENT and RATE STUDIES*
- *FINANCIAL PLANS and CAPITAL ACQUISITION*
- *ECONOMIC ANALYSIS METHODS and PRACTICE*

Representative Clients:

- *National Rural Electric Cooperative Assoc., Cooperative Research Network: Generation and Transmission Research Programs; Strategic Alliances*
- *City & Borough of Juneau: Harbor Power Supply Options*
- *Kake Tribal Corporation: Revenue Requirements and Regulatory Process*
- *Kotzebue Electric Assoc.: Rate and Financial Planning*
- *Naknek Electric Assoc.: Resource, Rate and Financial Planning*
- *CCI Inc.: Military Facility Electric System Acquisition*
- *EPS, Inc.: Interconnected System Wheeling and Ancillary Services Costs*
- *SAIC, Inc.: Load Forecast and Generation Alternatives Analysis, City of Nome*
- *North Slope Borough: Utility Master Plan/Emergency Plan/Electric Rates*
- *Kaua'i Island Utility Coop.: Long Range Engineering and Construction Plans; Financial Forecasts, Clean Energy Scenario Planning*
- *Alaska Electric Light & Power/Dryden & LaRue: Financing Certification*
- *Alaska Energy Authority: Renewable Energy Grants - Project Evaluations*
- *MWH Global: Alaskan Hydroelectric Facilities Development*

SERVICE LIST
(Docket No. 09-0108)

MR. DEAN NISHINA Executive Director Dept. of Commerce & Consumer Affairs Division of Consumer Advocacy P.O. Box 541 Honolulu, Hawaii 96809	1 COPY HAND-DELIVERED
THOMAS W. WILLIAMS, JR., ESQ. PETER Y. KIKUTA, ESQ. Goodsill, Anderson, Quinn & Stifel Alii Place, Suite 1800 1099 Alakea Street Honolulu, Hawaii 96813	1 COPY U.S. Mail
Counsel for Hawaiian Electric Company, Inc. Hawaii Electric Light Company, Inc. Maui Electric Company, Limited	
MS. DARCY ENDO-OMOTO Vice President Hawaiian Electric Company, Inc. Hawaii Electric Light Company, Inc. Maui Electric Company, Limited P. O. Box 2750 Honolulu, Hawaii 96840-0001	1 COPY U.S. Mail
MR. DEAN K. MATSUURA Manager, Regulatory Affairs Hawaiian Electric Company, Inc. P. O. Box 2750 Honolulu, Hawaii 96840-0001	1 COPY U.S. Mail
MR. JAY IGNACIO President Hawaii Electric Light Company, Inc. P. O. Box 1027 Hilo, Hawaii 96721-1027	1 COPY U.S. Mail
EDWARD L. REINHARDT President Maui Electric Company, Ltd. P. O. Box 398 Kahului, Hawaii 96732	1 COPY U.S. Mail

MR. JEFFREY M. KISSEL
GEORGE T. AOKI, ESQ.
The Gas Company, LLC
745 Fort Street Mall, 18th Floor
Honolulu, Hawaii 96813

1 COPY
U.S. Mail

MARK J. BENNETT, ESQ.
DEBORAH DAY EMERSON, ESQ.
GREGG J. KINKLEY, ESQ.
State of Hawaii
Department of the Attorney General
425 Queen Street
Honolulu, Hawaii 96813

1 COPY
U.S. Mail

Counsel for the DBEDT

MS. ESTRELLA A. SEESE
MR. THEODORE A. PECK
State of Hawaii
Department of Business, Economic Development and
Tourism
235 S. Beretania Street, Room 501
Honolulu, Hawaii 96813

1 COPY
U.S. Mail

ALFRED B. CASTILLO, JR., ESQ.
AMY I. ESAKI, ESQ.
MONA W. CLARK, ESQ.
County of Kauai
Office of the County Attorney
4444 Rice Street
Lihue, Hawaii 96766-1300

1 COPY
Electronic mail

Counsel for the County of Kauai

MR. GLENN SATO
County of Kauai
Office of Economic Development
4444 Rice Street
Lihue, Hawaii 96766

1 COPY
Electronic mail

BRIAN T. MOTO, ESQ.
MICHAEL J. HOPPER, ESQ.
County of Maui
Department of the Corporation Counsel
200 South High Street
Wailuku, Hawaii 96813

1 COPY
Electronic mail

Counsel for the County of Maui

LINCOLN S.T. ASHIDA, ESQ.
WILLIAM V. BRILHANTE, JR., ESQ.
MICHAEL J. UDOVIC, ESQ.
County of Hawaii
Office of the Corporation Counsel
101 Aupuni Street, Suite 325
Hilo, Hawaii 96720

1 COPY
Electronic mail

Counsel for the County of Hawaii

MR. WARREN S. BOLLMEIER II
President
Hawaii Renewable Energy Alliance
46-040 Konane Place, #3816
Kaneohe, Hawaii 96744

1 COPY
Electronic mail

MR. MARK DUDA
President
Hawaii Solar Energy Association
c/o Inter Island Solar Supply
761 Ahua Street
Honolulu, HI 96819

1 COPY
Electronic mail

MR. HENRY Q CURTIS
Vice President for Consumer Issues
Life of the Land
76 North King Street, Suite 203
Honolulu, Hawaii 96817

1 COPY
Electronic mail

MR. CARL FREEDMAN
Haiku Design & Analysis
4234 Hana Highway
Haiku, Hawaii 96708

1 COPY
Electronic mail

THOMAS C. GORAK, ESQ.
Gorak & Bay, LLC
1161 Ikena Circle
Honolulu, Hawaii 96821

1 COPY
Electronic mail

Counsel for JW Marriott Ihilani Resort & Spa, Waikoloa
Marriott Beach Resort & Spa, Maui Ocean Club, Wailea
Marriott, and Essex House Condominium Corporation, on
behalf of Kauai Marriott Resort & Beach Club

DOUGLAS A. CODIGA, ESQ.
Schlack Ito Lockwood Piper & Elkind
Topa Financial Center
745 Fort Street, Suite 1500
Honolulu, Hawaii 96813

1 COPY
Electronic mail

Counsel for Blue Planet Foundation

DEAN T. YAMAMOTO, ESQ.
SCOTT W. SETTLE, ESQ.
JODI SHIN YAMAMOTO, ESQ.
DUKE T. OISHI, ESQ.
Yamamoto & Settle
700 Bishop Street, Suite 200
Honolulu, Hawaii 96813

1 COPY
Electronic mail

Counsel for Forest City Hawaii Residential, Inc.

ISAAC H. MORIWAKE, ESQ.
DAVID L. HENKIN, ESQ
EarthJustice
223 South King Street, Suite 400
Honolulu HI 96813-4501

1 COPY
Electronic mail

Counsel for Hawaii Solar Energy Association

H. RAY STARLING
Program Manager
Hawaii Energy Efficiency Program
1132 Bishop Street, Suite 1800
Honolulu, HI 96813

1 COPY
U.S Mail